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## (54) IN-ZONE/OUT-ZONE JUDGING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To correctly judge the in-zone/out-zone for service of a mobile equipment.

SOLUTION: A decoding bit group obtained by an error correction decoder 3 is inputted to an error detecting decoder 4 and correct/error information at every processing frame is detected and inputted to a voice decoder 5 and a controller 6.

Then, correct/error information is inputted to a memory 8 and correct/error information for m-frames including the processing frame and likelihood information for n-frames from a normalization processing equipment 7 are stored.

Inside-area/outside-area is displayed by an in-zone/out-zone display device 10 by a logic value in a likelihood judging equipment 9 based on an output from the memory 8.

